



Lawrence  
#913  
4/11/03  
PATENT  
MATTER NO.718188.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

WINEGARDEN, et al. : Examiner: Elizabeth S. Quan  
Serial No.: 09/723,400 : Group Art Unit: 1743  
Filed: November 27, 2000 : Attorney Docket No.: 718188.1  
For: DEVICES AND METHODS FOR : Customer No.: 27128  
PRODUCING MICROARRAYS OF : Confirmation No.: 6264  
BIOLOGICAL SAMPLES

Last Office Action: October 3, 2002

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AMENDMENT A

Box Fee Amendment  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Official Action mailed October 3, 2002, please amend the above-identified application in accordance with the remarks and amendments as follows:

IN THE SPECIFICATION:

Please replace the paragraph on page 7, lines 23-27 with the following:

**Figure 5:** Side view of a manifold with micro apertures. One preferably sets the robot up such that the pin tip just passes the opening of the hole at the down position (A), and is reciprocated up to a position a few hundred microns above the opening (B). Reciprocation up and down is used to increase air turbulence, increasing the cleaning efficiency.

Please replace the paragraph on page 9, lines 5-15 with the following:

Significantly improved cleaning is achieved by using this vacuum manifold 4. First, the inlets (holes/apertures) of the vacuum manifold are reduced in cross-sectional



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1743/8

PTO/SB/21 (03-03)

Approved for use through 04/30/2003. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/723,400
		Filing Date	November 27, 2000
		First Named Inventor	Winegarden, Neil A.
		Group Art Unit	1743
		Examiner Name	QUAN, Elizabeth S.
Total Number of Pages in This Submission	34	Attorney Docket Number	717002.4 (718188.1)

**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC)
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<input checked="" type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below) return postcard.
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	
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<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks:

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GROUP 1700**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual Name	Robert J. Lewis, Reg. No. 27,210 Blackwell Sanders Peper Martin LLP
Signature	<i>Robert J. Lewis</i>
Date	4/03/03

**CERTIFICATE OF TRANSMISSION/EXPRESS MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to Box Fee Amendment: Commissioner for Patents, Washington, DC 20231 on this date: April 3, 2003.  
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01 504.00 CH 02 324.00 CH 03 1400.00 CH	Typed or printed name Donna M. Kouao De Blaise	Signature <i>Donna M. Kouao De Blaise</i>	Date 4/13/03
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This collection of information is required by 37 CFR 1.5. This information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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03 EC:IE03 1400.00 CR

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